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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

MAY 17 2004

Applicants: Hwa-Sun YOO et al.

Group Art Unit: 2661

Serial No.: 10/718,304

Docket: 784-59

Filed: November 20, 2003

Dated: May 13, 2004

For: METHOD AND APPARATUS FOR GENERATING  
AN EDGE SIDELOBE CANCELING SIGNAL AND  
UPLINK COMMUNICATION METHOD AND  
APPARATUS USING THE SAME IN AN OFDMA SYSTEM

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to Applicants' duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. A copy of each reference is attached hereto.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 13, 2004.

Dated: May 13, 2004

*Paul J. Farrell*  
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The filing of this Information Disclosure Statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

To the best of Applicants' knowledge, this Information Disclosure Statement is being filed before the date of mailing of a first Office Action in connection with this case.

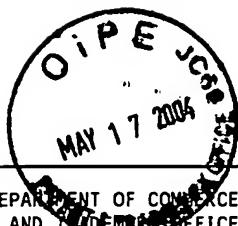
The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,



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Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 784-59	SERIAL NO. 10/718,304		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		APPLICANTS Hwa-Sun YOO et al.					
		FILING DATE November 20, 2003		GROUP ART UNIT 2661			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
		1.	Van de Beek et al., "A Time and Frequency Synchronization Scheme for Multiuser OFDM", 48 <sup>th</sup> IEEE Vehicular Technology Conference, May 18-21, 1998, pp. 1-32.				
		2.	Alikhani et al., "BDMA (Band Division Multiple Access) - A New Air-Interface for 3 <sup>rd</sup> Generation Mobile System, UMTS, in Europe", Proc. ACTS Summit, Denmark, October 1997, pp. 482-488.				
		3.	Moose, "A Technique for Orthogonal Frequency Division Multiplexing Frequency Offset Correction", IEEE Transactions on Communications, Vol. 42, No. 10, October 1994, pp. 2908-2914.				
EXAMINER				DATE CONSIDERED			
<p>* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							